

# Criteria Pollutants — Nonattainment Areas

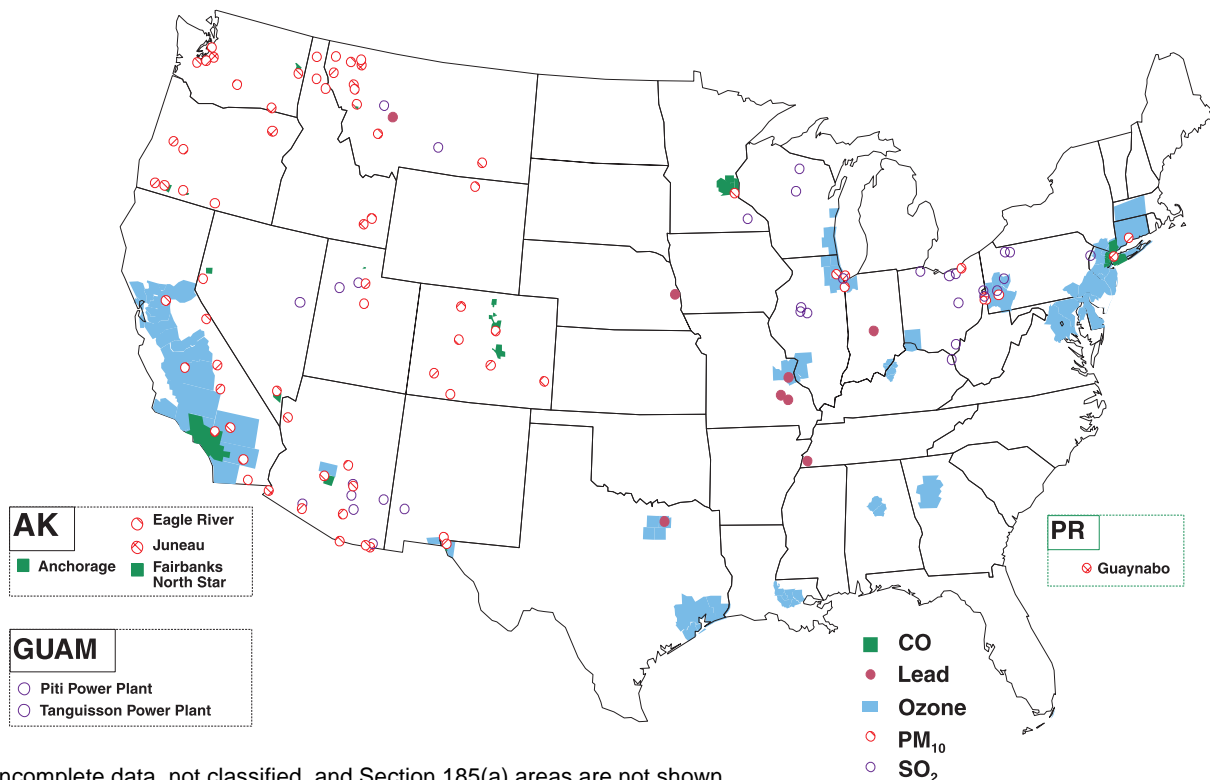
<http://www.epa.gov/oar/aqtrnd98/chapter4.pdf>

This chapter provides general information on geographical regions known as nonattainment areas. When an area does not meet the air quality standard for one of the criteria pollutants the area may be subject to the formal rule-making process which designates the area as non-

attainment. The 1990 Clean Air Act Amendments (CAAA) further classify ozone, carbon monoxide, and some particulate matter nonattainment areas based on the magnitude of an area's problem. Nonattainment classifications may be used to specify what air pollution reduction mea-

sures an area must adopt and when the area must reach attainment. The technical details underlying these classifications are discussed in the *Code of Federal Regulations*, Part 81 (40 CFR 81), see <http://www.epa.gov/epacfr40>.

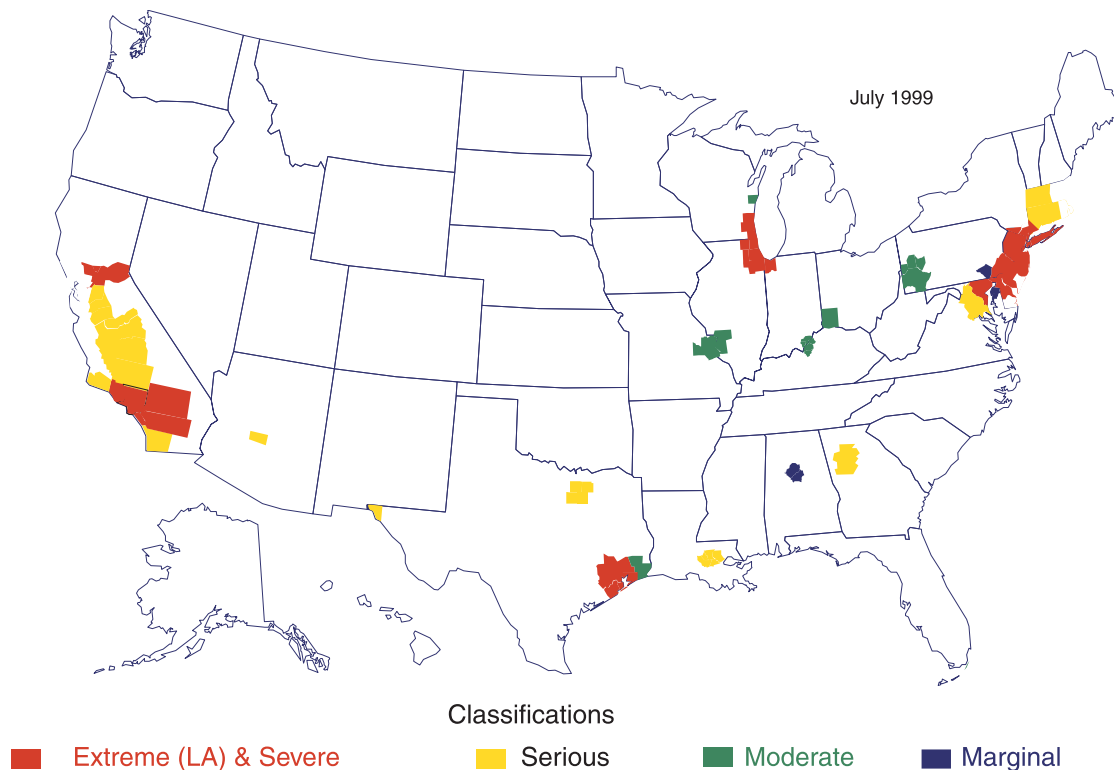
**Figure 4-1.** Location of nonattainment areas for criteria pollutants, September 1999.



**Note:** Incomplete data, not classified, and Section 185(a) areas are not shown.

\*Ozone nonattainment areas on map are based on the pre-existing ozone standard.

\*\*PM<sub>10</sub> nonattainment areas on map are based on the pre-existing PM<sub>10</sub> standards. Nonattainment designations based on the revised PM<sub>10</sub> standards have not been made.

**Figure 4-2.** Classified ozone nonattainment areas where 1-hour standard still applies.

**Note:** San Francisco is classified Other / Sec 185A & incomplete data areas not included.

Figure 4-1 shows the location of the nonattainment areas for each criteria pollutant as of September 1999. Figure 4-2 identifies the classified ozone nonattainment areas by degree of severity. A summary of nonattainment areas can be found in Table A-17 in Appendix A. This condensed list is located on the Internet at <http://www.epa.gov/airs/nonattn.html> and is updated as areas are redesignated. An area is on the condensed list if the area is designated nonattainment for one or more of the criteria pollutants. Note that Section 185a areas (formerly known as “transitional areas”) and incomplete areas are excluded from the counts in Table A-17. Another source of information for areas designated as nonattainment, including Section

185a and incomplete areas, is the Green Book. The current Green Book is located at <http://www.epa.gov/oar/oaqps/greenbk>.

As of September 1999, there were a total of 121 nonattainment areas on the condensed nonattainment list. The areas on the condensed list are displayed alphabetically by state. There were, as of September 1999, approximately 105 million people living in areas designated as nonattainment for at least one of the criteria pollutants. Areas redesignated between September 1998 and September 1999 are listed in Table 4-1, by pollutant. All redesignations were to attainment except for the Fort Hall Indian Reservation Area which was designated to nonattainment for PM<sub>10</sub>. Subsequent to the 1997 O<sub>3</sub>

National Ambient Air Quality Standards (NAAQS) revision, EPA revoked the 1-hour O<sub>3</sub> NAAQS in U.S. counties with three years of clean air quality.<sup>1,2</sup> Nonattainment areas that had the 1-hour O<sub>3</sub> standard or the PM<sub>10</sub> standard revoked between September 1998 and September 1999 are listed in Table 4-2. Because of pending legal challenges, the EPA is not able to enforce the 8-hour standard resulting in many areas without applicable air quality standards. At the time of report publication, the Agency has proposed to reinstate the 1-hour standard.<sup>3</sup> The present status of nonattainment areas compared to the status after nonattainment designations resulting from the CAAA is shown in Table 4-3.

**Table 4-1.** Areas Redesignated Between September 1998 and September 1999

<b>SO<sub>2</sub></b>	Muhlenberg Co., Ky; Lake Co., OH and Jefferson Co., OH
<b>PM<sub>10</sub></b>	Fort Hall Indian Reservation, ID
<b>CO</b>	Connecticut portion of New York-N. New Jersey-Long Island, NY-NJ-CT
<b>Pb</b>	Muscogee Co., Ga and Williamson Co. (Nashville), TN
<b>O<sub>3</sub></b>	The number of O <sub>3</sub> areas remained the same between September 1998 and September 1999.

**Table 4-2.** Revocations of Nonattainment Areas Only Between September 1998 and September 1999

<b>O<sub>3</sub></b>	Boston-Lawrence-Worcester, MA-NH Muskegon, MI Providence, RI	Portsmouth-Dover-Rochester, NH Portland, ME Door Co., WI
<b>PM<sub>10</sub></b>	Boise, ID	

**Table 4-3.** Nonattainment Status

Pollutant	Original # areas	1999 # areas	1999 Population (in 1000s)
<b>CO</b>	43	20	33,230
<b>Pb</b>	12	8	1,116
<b>NO<sub>2</sub></b>	1	0	0
<b>O<sub>3</sub></b>	101	32	92,505
<b>PM<sub>10</sub></b>	85	77	29,880
<b>SO<sub>2</sub></b>	51	31	4,371

## References

1. "Identification of Ozone Areas Attaining the 1-Hour Standard and to Which the 1-Hour Standard Is No Longer Applicable; Final Rule," *Federal Register*, 63 FR 2804, Washington, D.C., June 5, 1998.
2. "Identification of Additional Ozone Areas Attaining the 1-Hour Standard and to Which the 1-Hour Standard Is No Longer Applicable; Final Rule," *Federal Register*, 63 FR 39431, Washington, D.C., July 22, 1998.
3. "Rescinding Findings that the 1-hour Ozone Standard No Longer Applies in Certain Areas," *Federal Register*, 64 FR 57424, Washington, D.C., November 5, 1999.

